

## ABSTRACT

5 This invention relates to a novel protein having  
a high degree of homology to the amino acid sequence  
of the so-called cyclin box which is characteristic  
of cyclins: they are herein referred to as "human  
cyclin I" or "human cyclin I protein." Further, the  
invention relates to a gene encoding their amino acid  
sequences and the protein: the gene is referred to  
10 as "gene encoding human cyclin I" or "human cyclin  
I gene." Also, the invention relates to expression  
vector into which the human cyclin I gene is  
incorporated as well as to a transformant into which  
the vector is introduced. Still further, the  
15 invention relates to a recombinant protein obtained  
by growing the transformant. In addition, the  
invention relates to a novel neuron-marking method  
using an anitissense nucleotide of the gene as probe.  
Furthermore, the invention relates to method for  
20 screening cancer cell using the human cyclin I gene.